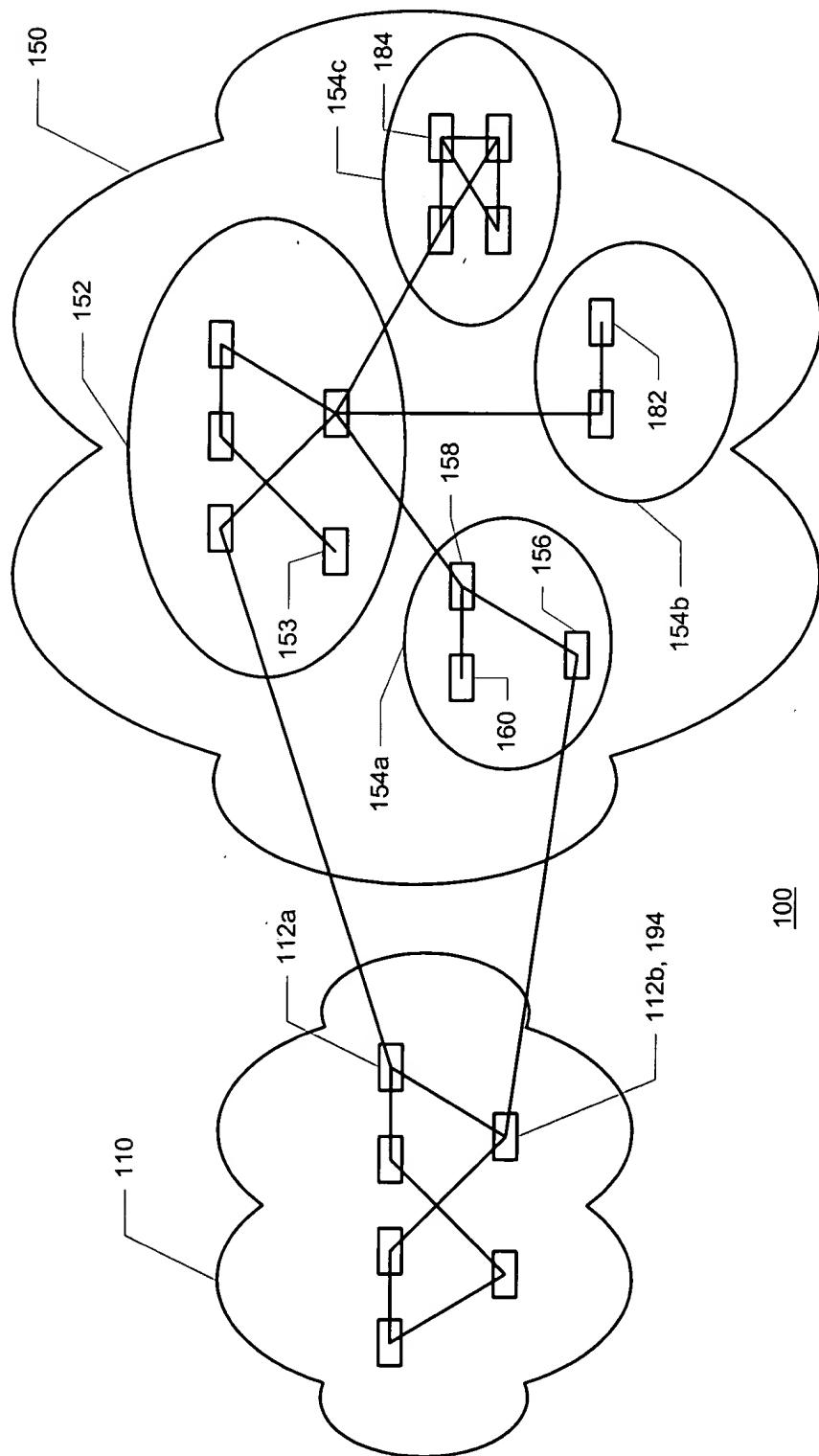


**FIGURE 1**

U.S. PATENT AND TRADEMARK OFFICE



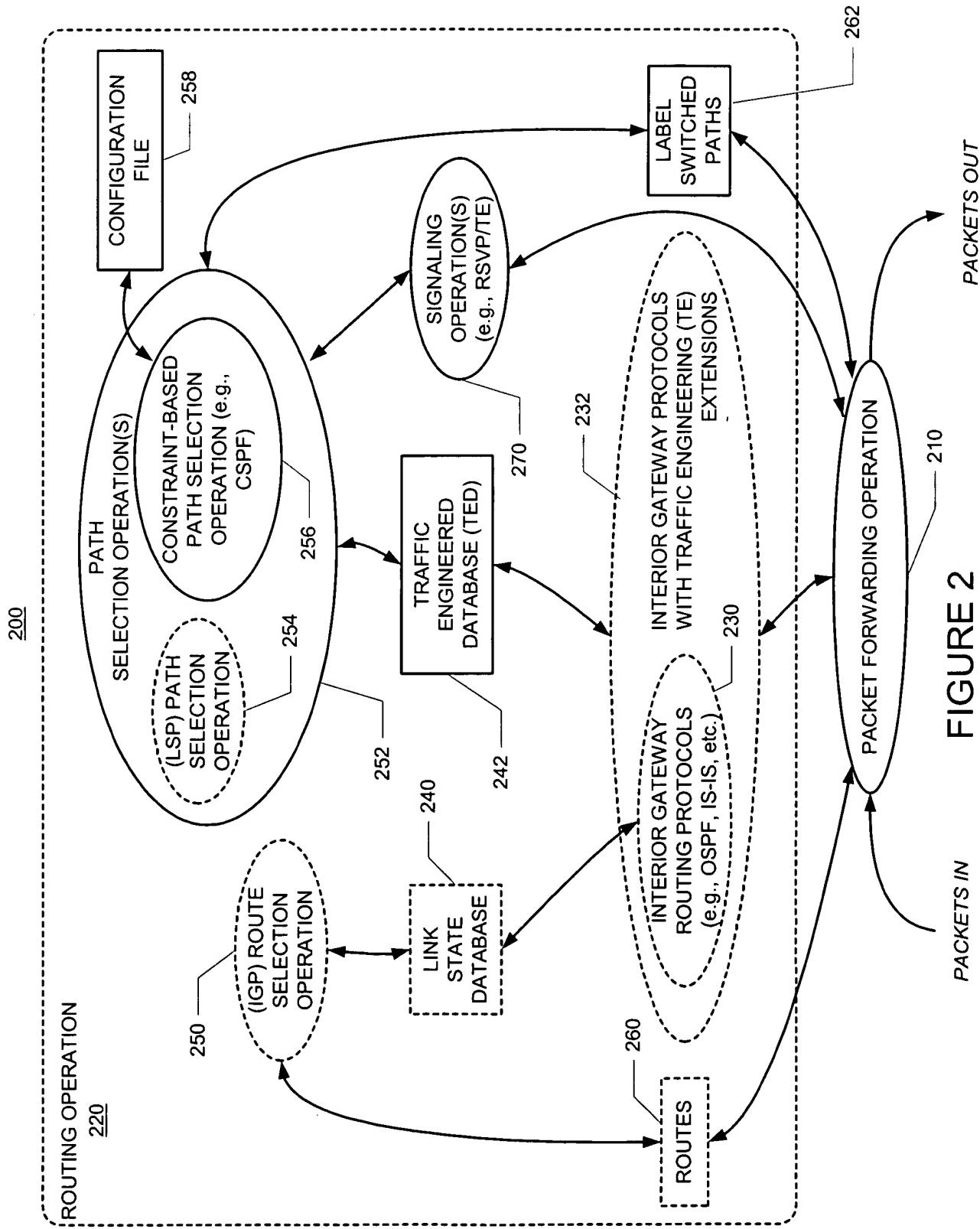


FIGURE 2

PACKETS IN

PACKETS OUT

UNIT TESTED IN THE TEST EQUIPMENT

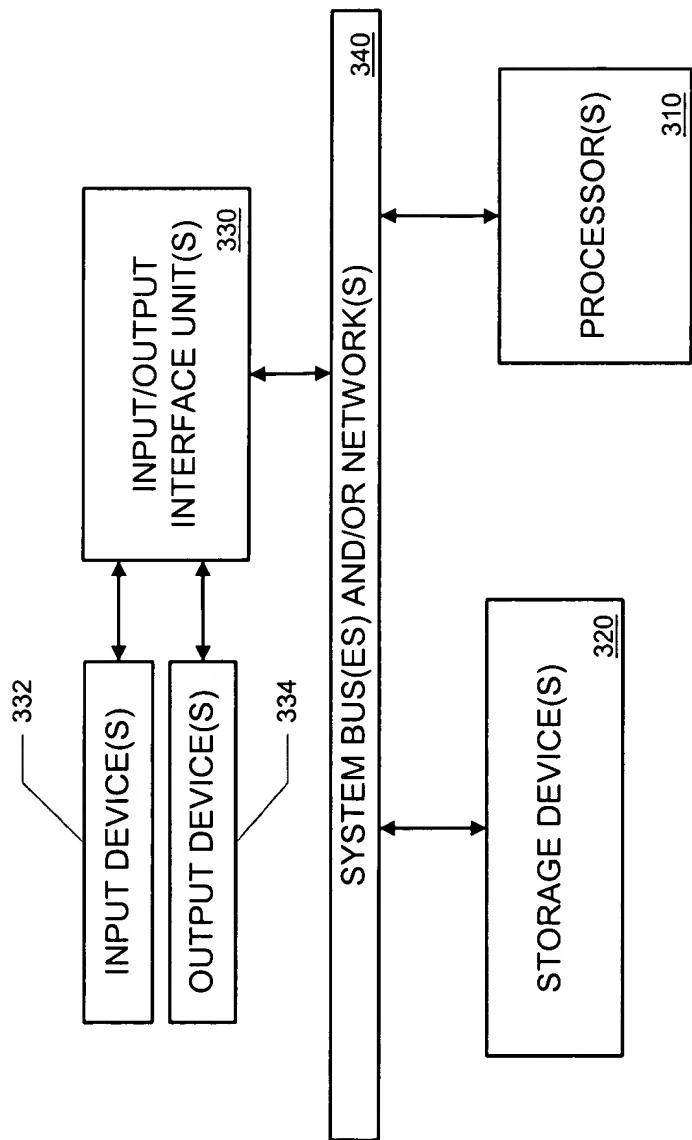


FIGURE 3

400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 550 551 552 553 554 555 556 557 558 559

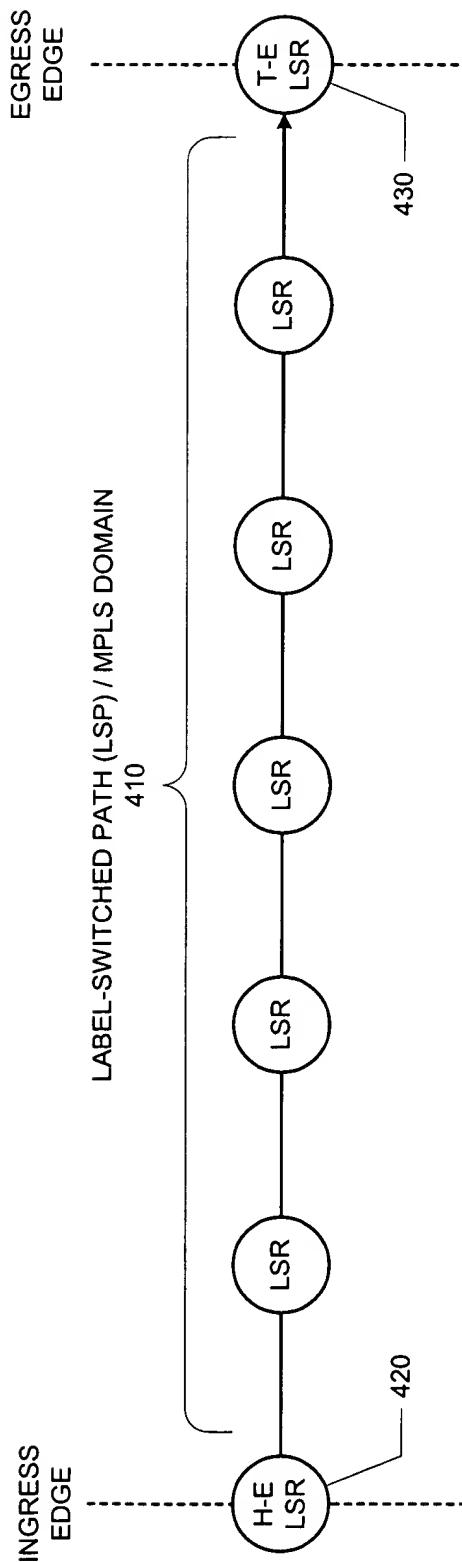


FIGURE 4

00000000000000000000000000000000

FIGURE 5

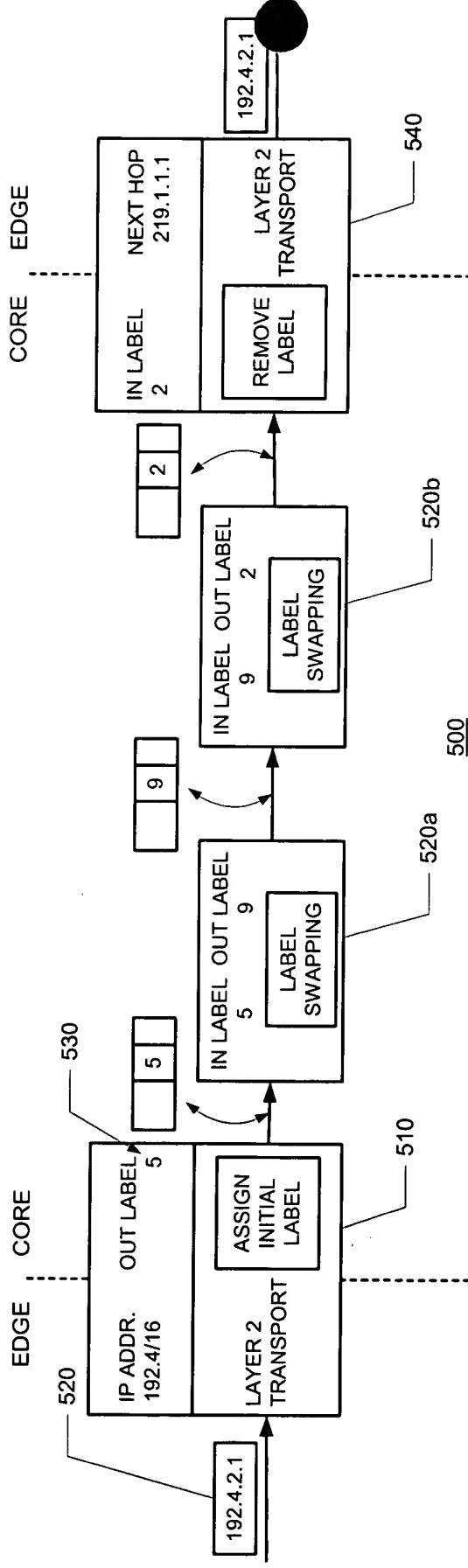
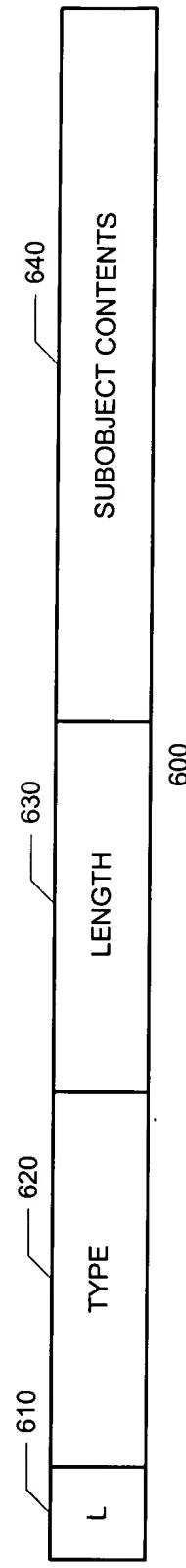


FIGURE 6



| LINK SOURCE | LINK DESTINATION | LINK COST |
|-------------|------------------|-----------|
|             |                  |           |

FIGURE 7

240'

| LINK SOURCE | LINK DEST. | LINK COST | LINK ATTRIBUTE 1 | LINK ATTRIBUTE q | LINK ATTRIBUTE 1 | LINK ATTRIBUTE r | SOURCE NODE | SOURCE NODE | SOURCE NODE | DEST. NODE ATTRIBUTE 1 | DEST. NODE ATTRIBUTE s |
|-------------|------------|-----------|------------------|------------------|------------------|------------------|-------------|-------------|-------------|------------------------|------------------------|
|             |            |           |                  |                  |                  |                  |             |             |             |                        |                        |

FIGURE 8

242'

FIGURE 10

| IN PORT (LINK) | IN LABEL | OUT PORT (LINK) | OUT LABEL |
|----------------|----------|-----------------|-----------|
|                |          |                 |           |

FIGURE 9

| DESTINATION ADDRESS | DESTINATION ADDRESS AREA | DESTINATION ADDRESS AS | OUTPUT PORT (LINK) | NEXT HOP ADDRESS |
|---------------------|--------------------------|------------------------|--------------------|------------------|
|                     |                          |                        |                    | 260'             |

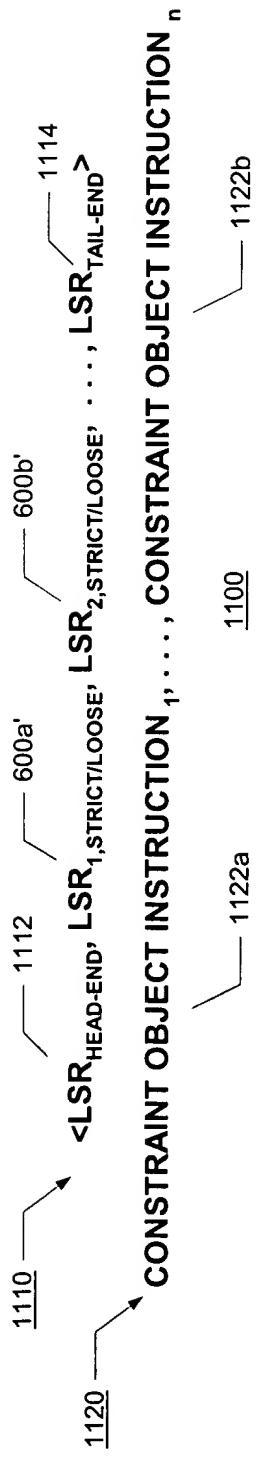


FIGURE 11

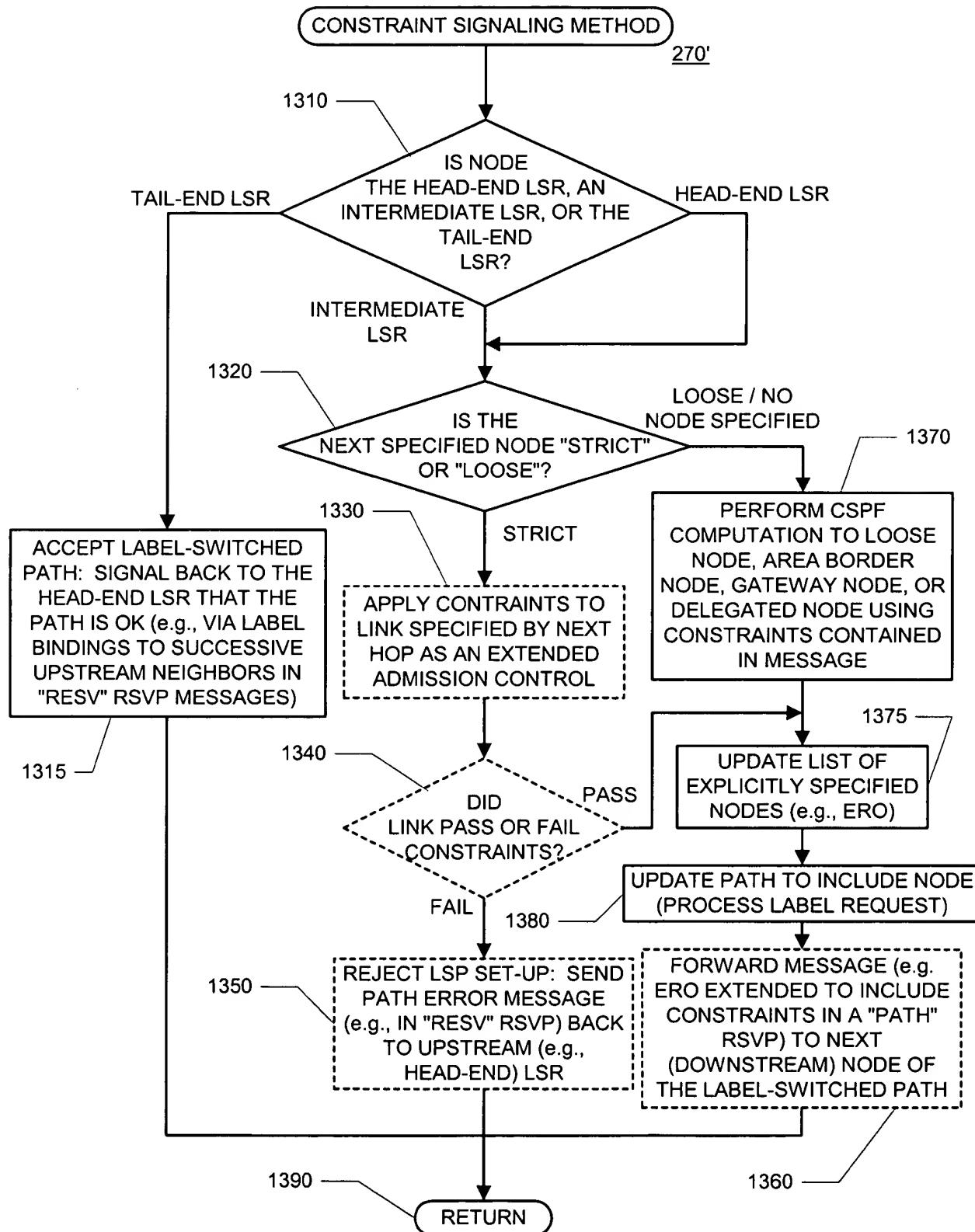
|         |             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |           |             |    |    |    |    |    |    |           |             |    |    |    |        |             |    |  |
|---------|-------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|-----------|-------------|----|----|----|----|----|----|-----------|-------------|----|----|----|--------|-------------|----|--|
| 0       | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16        | 17          | 18 | 19 | 20 | 21 | 22 | 23 | 24        | 25          | 26 | 27 | 28 | 29     | 30          | 31 |  |
|         |             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |           |             |    |    |    |    |    |    |           |             |    |    |    |        |             |    |  |
| OP_CODE | <u>1210</u> |   |   |   |   |   |   |   |   |    |    |    |    |    |    | OPERAND_1 | <u>1220</u> |    |    |    |    |    |    | OPERAND_2 | <u>1230</u> |    |    |    | RESULT | <u>1240</u> |    |  |

IMMEDIATE OPERAND (OPTIONAL)

1122'

1122

FIGURE 12

**FIGURE 13**

000000000000000000000000

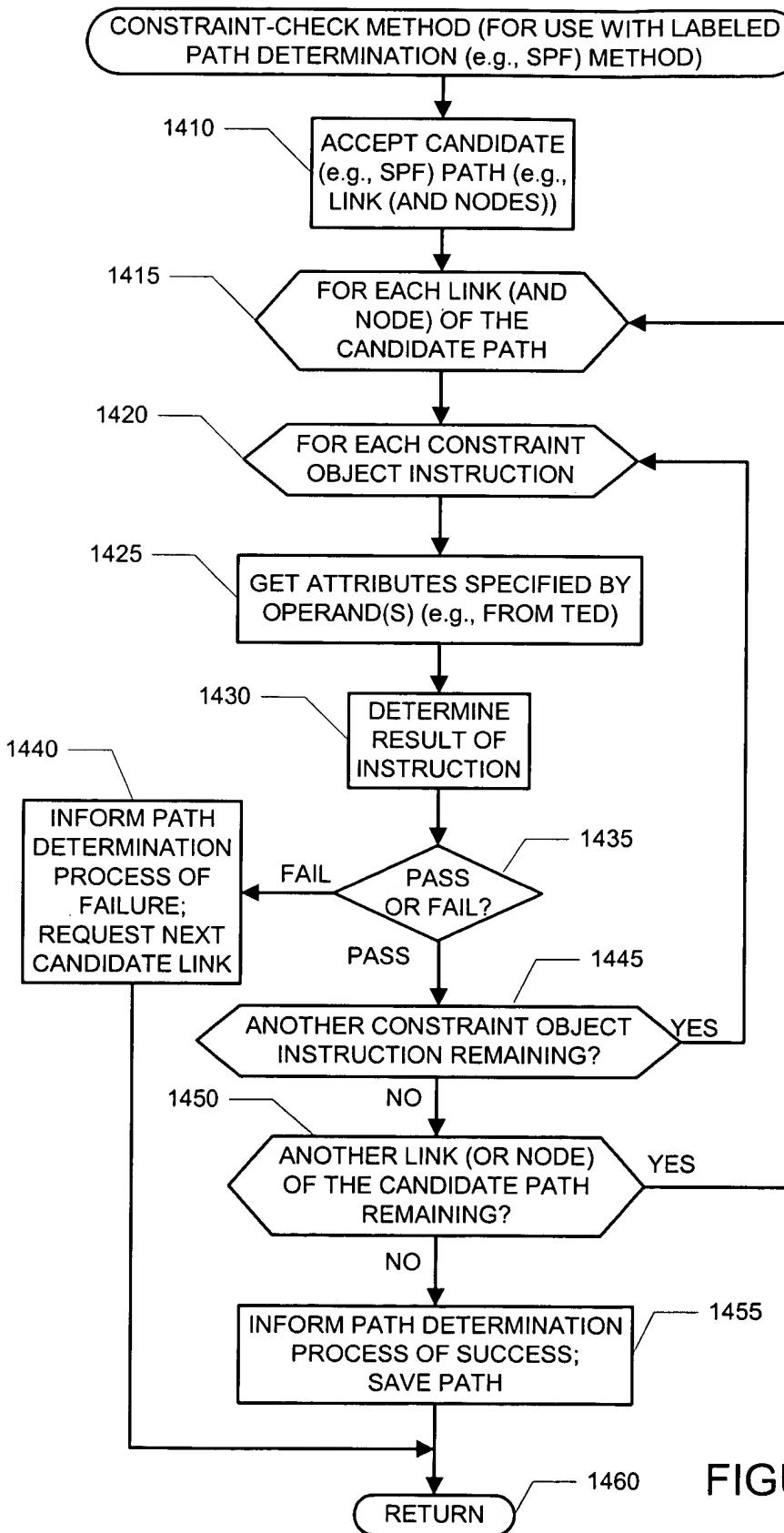
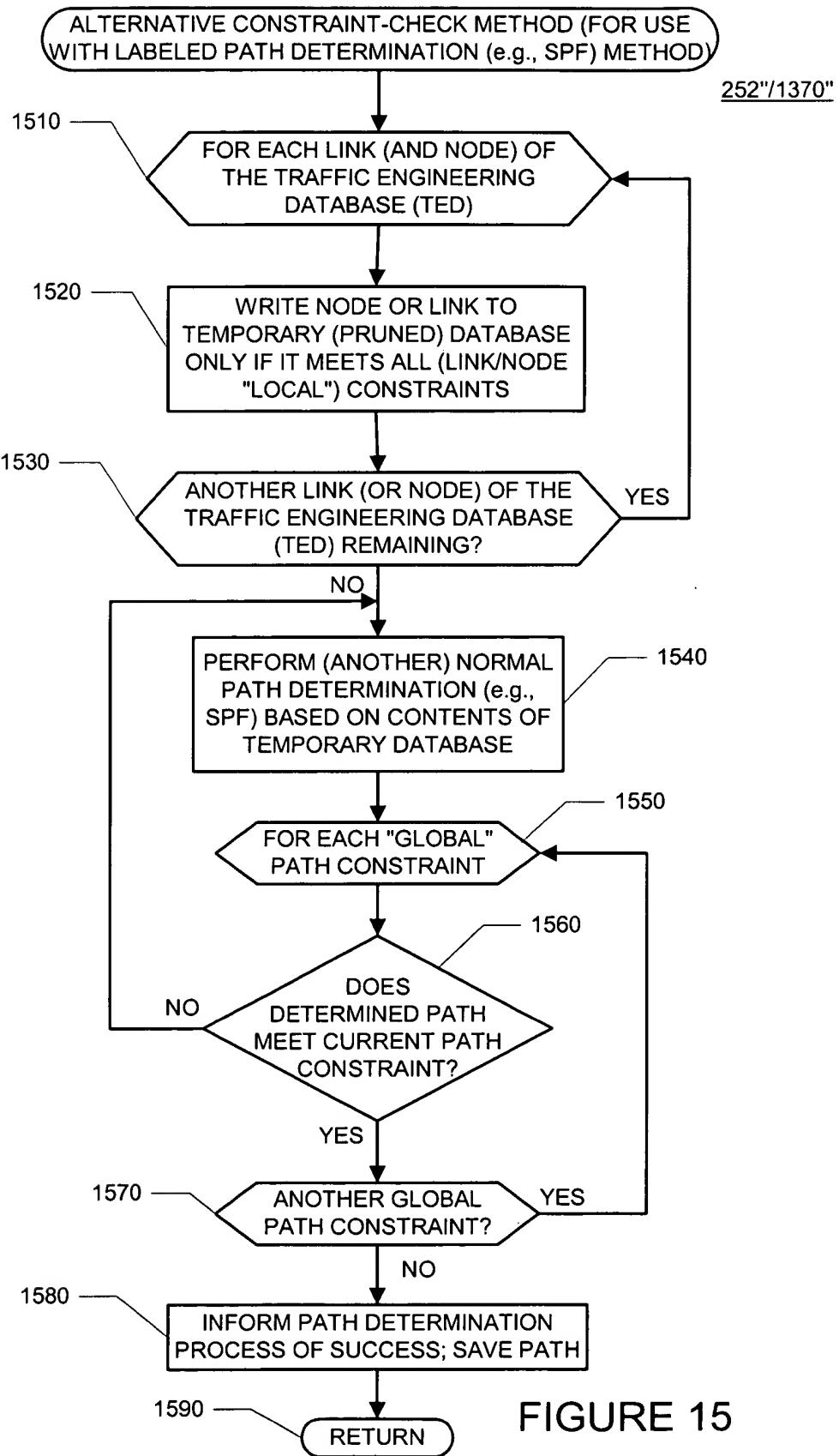


FIGURE 14

**FIGURE 15**

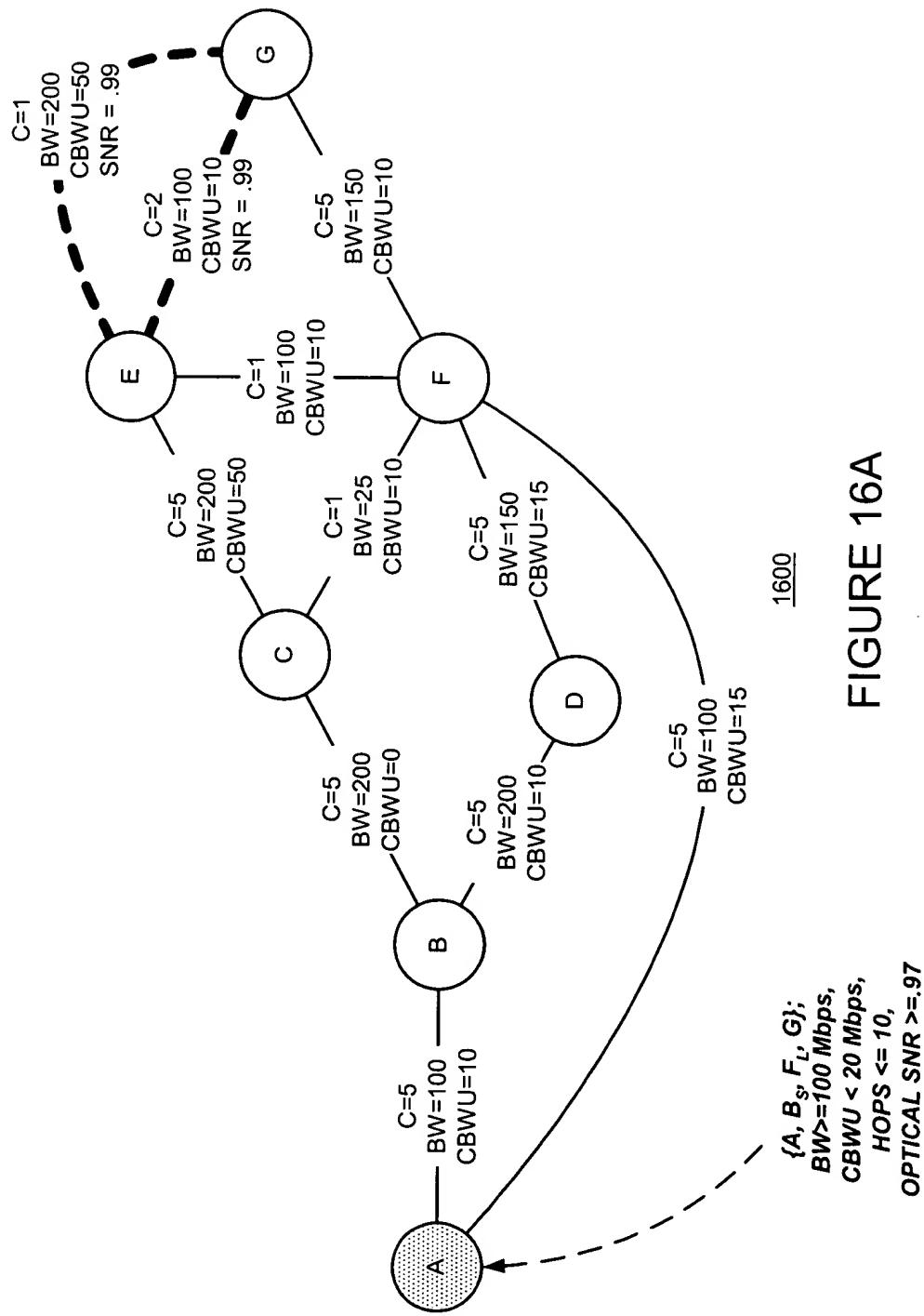


FIGURE 16A

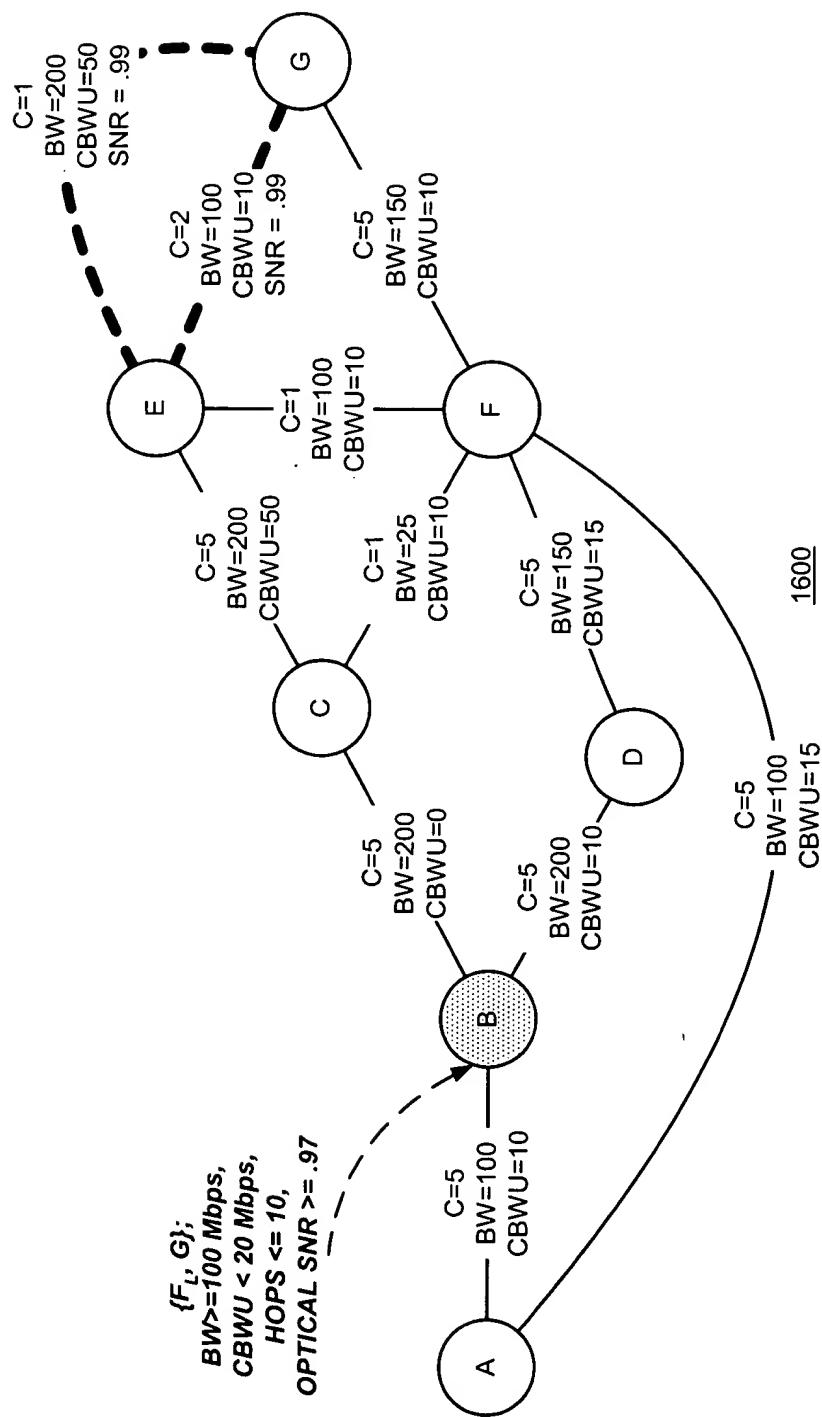


FIGURE 16B

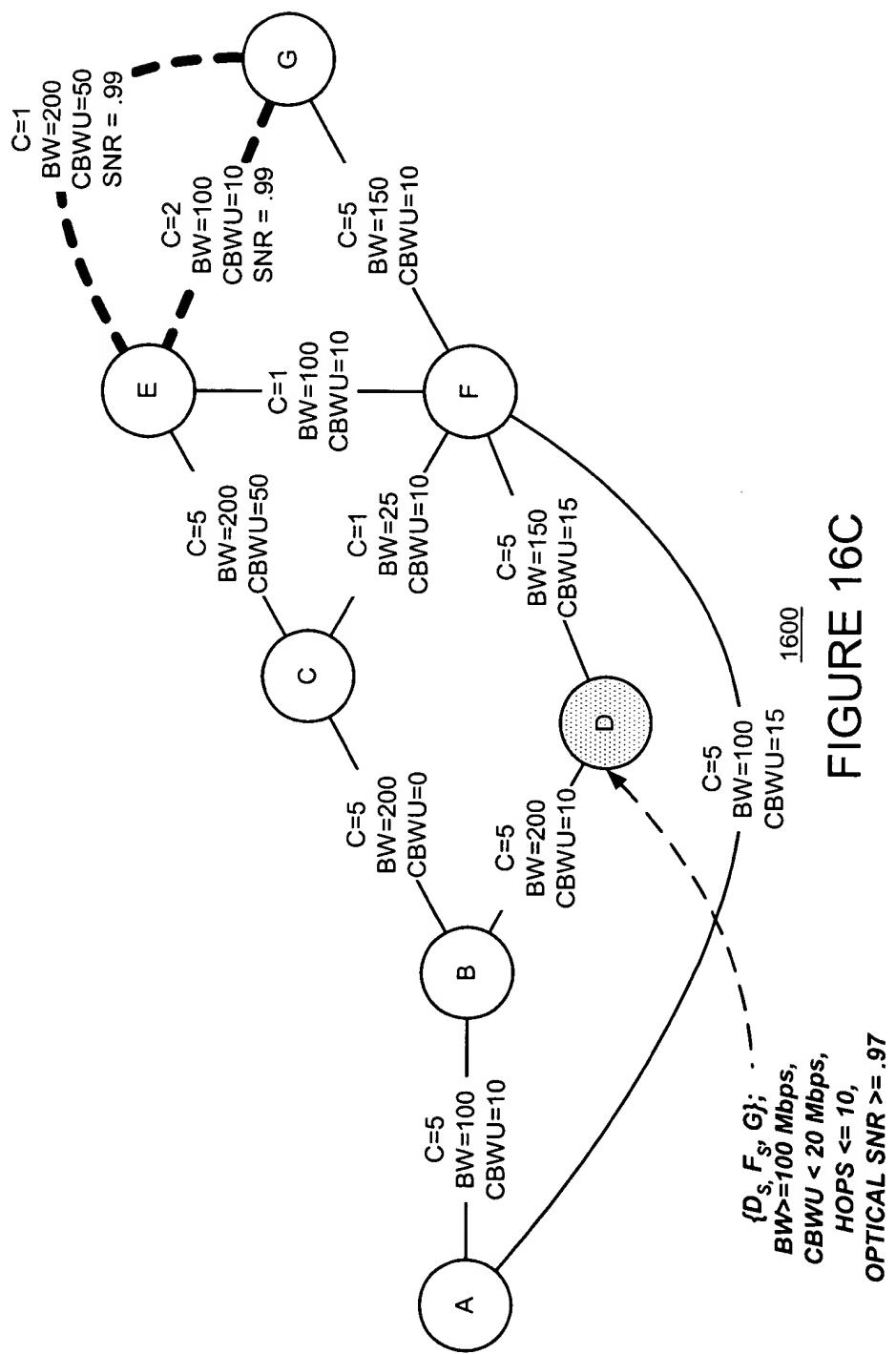


FIGURE 16C

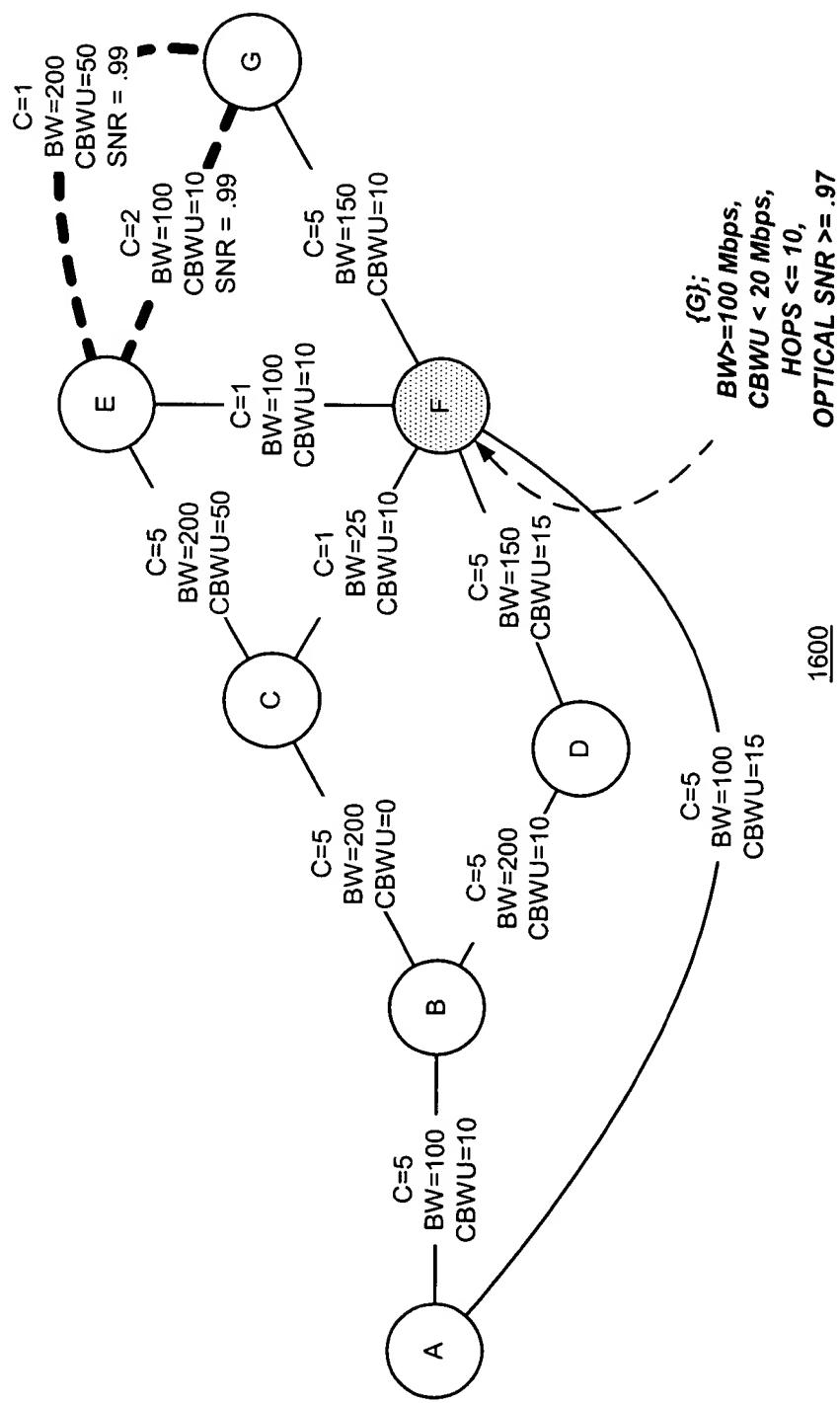


FIGURE 16D

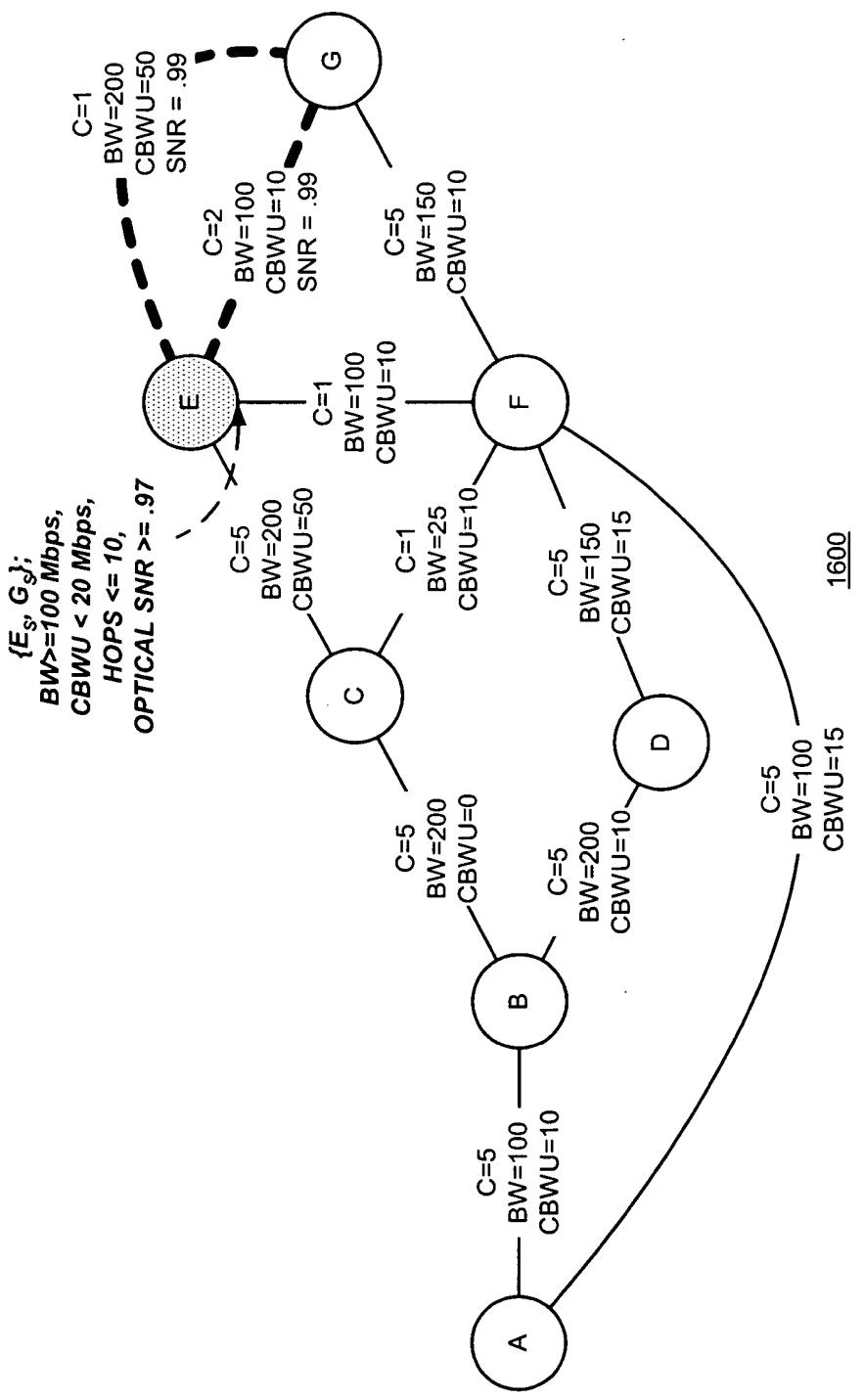


FIGURE 16E